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1 (currently amended).   In a data processing system including

first and second storage devices and a host device for

generating commands during [[the]] processing of a host

application including a command for initiating the copying

of data from storage locations in the first storage

device, as a source storage device, to storage locations

in the [[a]] second storage device as a destination

storage device, a method responding to the command by

copying data <u>from</u> the storage locations in the source

storage device to <u>the</u> storage locations in the destination

storage device, said method comprising the steps in

sequence of:

A)   establishing an operating environment by identifying

storage locations in the source storage device and

storage locations in the destination storage device,

B)   making the identified storage locations in the source

and destination storage devices available for use by

host applications, and

C)   copying the data from the storage locations in the

source storage device to locations in the destination

storage device in an ordered manner including, for

each storage location in the source storage device:

i)   copying the data from the storage location in

the source storage device to the corresponding

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storage location in the destination storage

device, and

ii) updating [[the]] information in the operating

environment to indicate that the data has been

transferred from the source storage device.

2 (originally presented). A method as recited in claim 1

additionally comprising the step of deleting the operating

environment after said copying has been completed.

3 (originally presented). A method as recited in claim 2

wherein a host application generates as another command a

write request to transfer data from the host application

to an identified storage location in the source storage

device during said ordered copying, said method including

the steps of:

i) interrupting said ordered copying in response to

the write request,

ii) copying data from the storage location in the

source storage device to the corresponding

storage location in the destination storage

device,

iii) re-enabling said ordered copying upon completion

of said data copying, and

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iv)   completing the data transfer to the identified

storage location in the source storage device in

response to the write request.

4 (originally presented).   A method as recited in claim 2

wherein a host application generates as another command

one of read and write requests to transfer data between

the host application and an identified storage location in

the destination storage device during said ordered

copying, said method including the steps of:

i)   interrupting said ordered copying in response to

the request,

ii)   copying data to the identified storage location

in the destination storage device from the

corresponding storage location in the source

storage device,

iii) re-enabling said ordered copying upon completion

of said data copying, and

iv)   completing the transfer between the host

application and the identified storage location

in the destination storage device.

5 (currently amended).   A data storage facility that connects

to a host device that generates commands during [[the]]

processing of host applications wherein said data storage

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facility is adapted for copying data from a set of source

storage locations in a first disk storage device to a set

of corresponding destination storage locations in a second

disk storage device in response to a predetermined command

from a host application identifying [[the]] source and

destination storage locations, said facility comprising:

A)   means responsive to the predetermined command for

establishing an operating environment by identifying

source and destination storage locations,

B)   means for enabling interaction of commands with the

all of said source and destination storage locations

and the host applications, and

C)   means for copying the data from said source storage

locations to corresponding destination storage

locations in an ordered manner, and

D)   means responsive to said copying means for updating

the operating environment to indicate data that has

been transferred by said copying means.

6 (originally presented). A data storage facility as recited

in claim 5 additionally comprising the step of deleting

the operating environment after said copying has been

completed.

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7 (originally presented). A data storage facility as recited

in claim 6 wherein a host application generates as one

command a write request to transfer data from the host

application to an identified source storage location

during said ordered copying, said copying means including:

    i)   a copy program,

    ii)   means for operating said copy program in an

        ordered copying mode,

    iii) means for interrupting said ordered copying

        operating means in response to a write request

        and enabling said copy program to copy data from

        said identified source storage location to a

        corresponding destination source location,

    iv)   means for re-enabling said ordered copying upon

        completion of said data copying, and

    v)   means for completing the data transfer to said

        identified source storage location in response

        to the write request.

8 (originally presented). A data storage facility as recited

in claim 6 wherein a host application generates as one

command one of read and write requests to transfer data

between the host application and an identified destination

storage location during the operation of said ordered

copying means, said ordered copying means including:

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i)   a copy program,

ii)   means for operating said copy program in an ordered copying mode,

iii) means for interrupting said ordered copying in response to any read and write request to said identified destination source location thereby to enable said copy program to copy data from a corresponding source storage location,

iv) means for re-enabling said ordered copying upon completion of said data copying, and

v,   means for completing the transfer between the host application and the identified destination storage location.

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